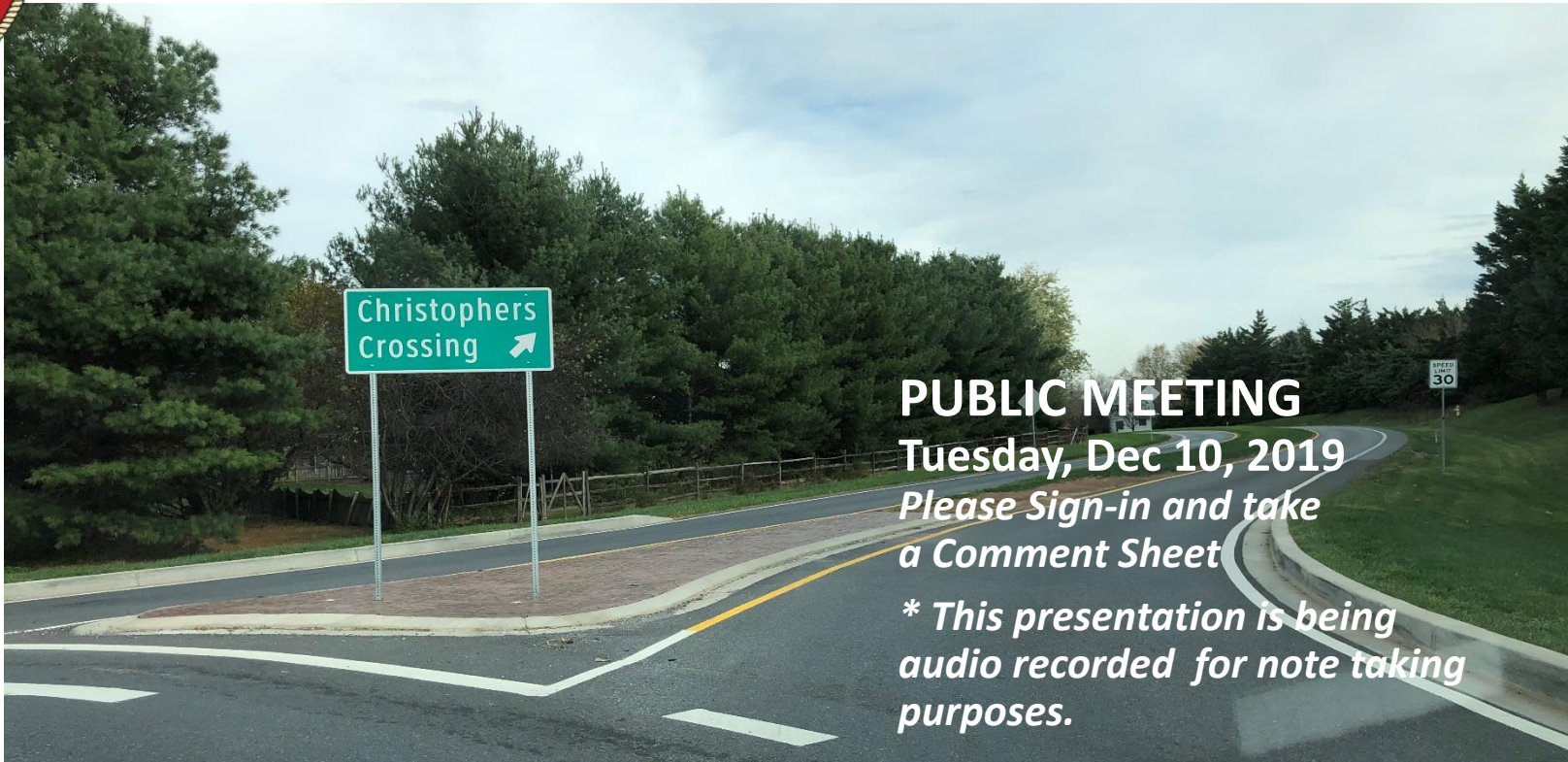




Christopher's Crossing Widening Project



PUBLIC MEETING

Tuesday, Dec 10, 2019

*Please Sign-in and take
a Comment Sheet*

** This presentation is being
audio recorded for note taking
purposes.*

**Frederick County Division of Public Works
Dept. of Engineering and Construction Management
Office of Transportation Engineering**





Project Team

Elbert Maravilla - Project Manager

Ian Selock- Engineer

Jason Stitt, P.E. – Office Chief

Michelle Hurney - Facilities & Property Acquisitions Manager

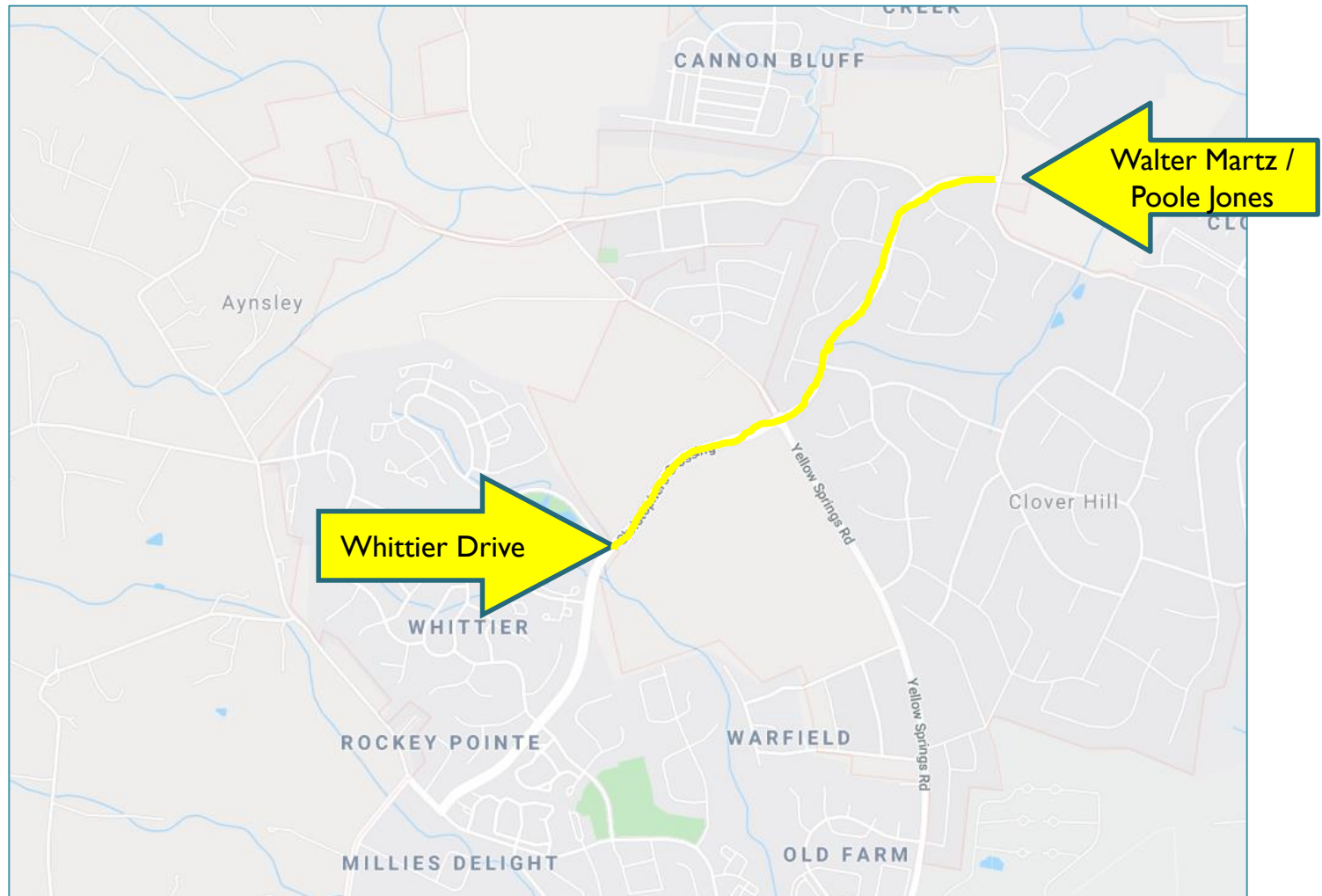
A. Morton Thomas and Associates, Inc. (AMT) – Design Consultant

Contact information provided in handouts

Project Overview

- Roadway widening improvements of Christopher's Crossing from Walter Martz/Poole Jones to Whittier Drive
- Improvements
 - Roadway widening from 2 to 4 lanes
 - Intersection improvements
 - Drainage improvements
 - New 10' wide pedestrian/bike path
 - New 5' sidewalk

Project Location Map





Project Schedule

Design Phase

- August 2019 - May 2021

Formal Acquisition of Easements/ROW

- July 2021 – May 2022

Construction Phase

- Invitation For Bids April 2022
- Break Ground July 2022
- Estimated Completion December 2023
- Maintain Traffic during Construction

Corridor Traffic Study



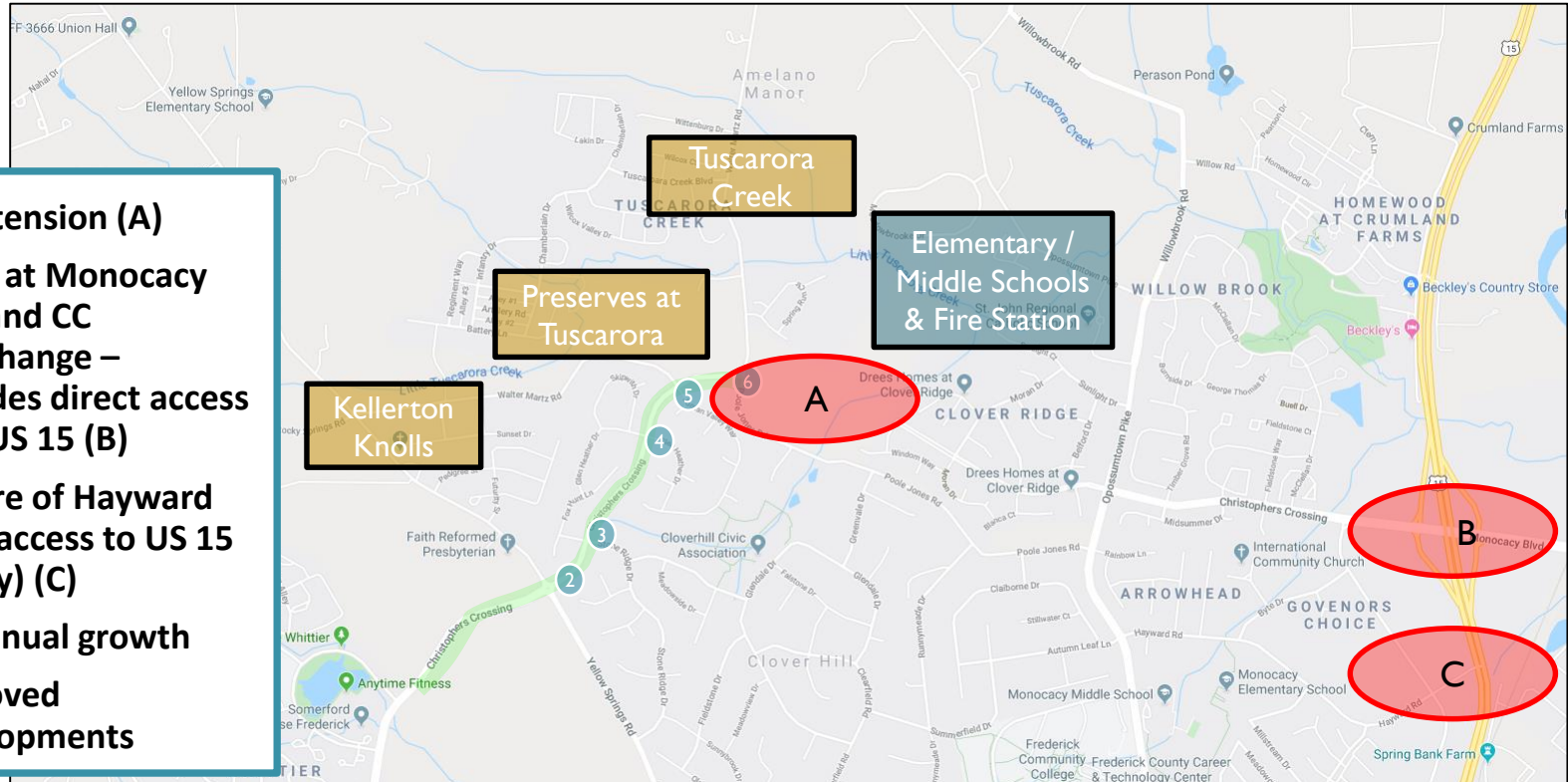
- **City-Constructed Section of CC - completed in 2020**
- **Data Collection - Traffic Counts at 6 intersections**
(24-hour counts to determine morning and evening peak hour traffic time)
- **Traffic Analysis (Previous Study – 2009)**
 - Existing Conditions 2019
 - Future Conditions 2039

Corridor Traffic Projections - Background

Existing: Year 2019

Future Year: 2039

1. CC Extension (A)
2. US 15 at Monocacy Blvd and CC interchange – provides direct access over US 15 (B)
3. Closure of Hayward Road access to US 15 (safety) (C)
4. 1% annual growth
5. Approved Developments



A Roadway Improvements (completed or underway)

Yellow box Approved Background Developments

Blue box Future Developments w/ CC Extension

Corridor Traffic Projections - Summary



- **Traffic projections by 2039**
 - 50-80% increase in Average Daily Traffic (2019 – 7,000 vpd; 2039 – 12,600 vpd)
 - Significant congestion at CC with Yellow Springs Road and Jordan Valley Way
 - Potential for other future developments not accounted for
- **Widening to 4 lanes and improvements at Yellow Springs Road will address capacity/safety needs along the corridor**



DESIGN CONSIDERATIONS – Environmental

- **Wetlands & Streams**
- **Trees**
- **Endangered/Protected Species**



DESIGN CONSIDERATIONS – Drainage & Stormwater

- **Roadway Drainage Considerations**
 - **Closed Drainage (Inlets/Pipes)**
- **Stormwater Management Needs**
 - **East side: Tuscarora Creek Watershed**
 - **West side: Carroll Creek Watershed**



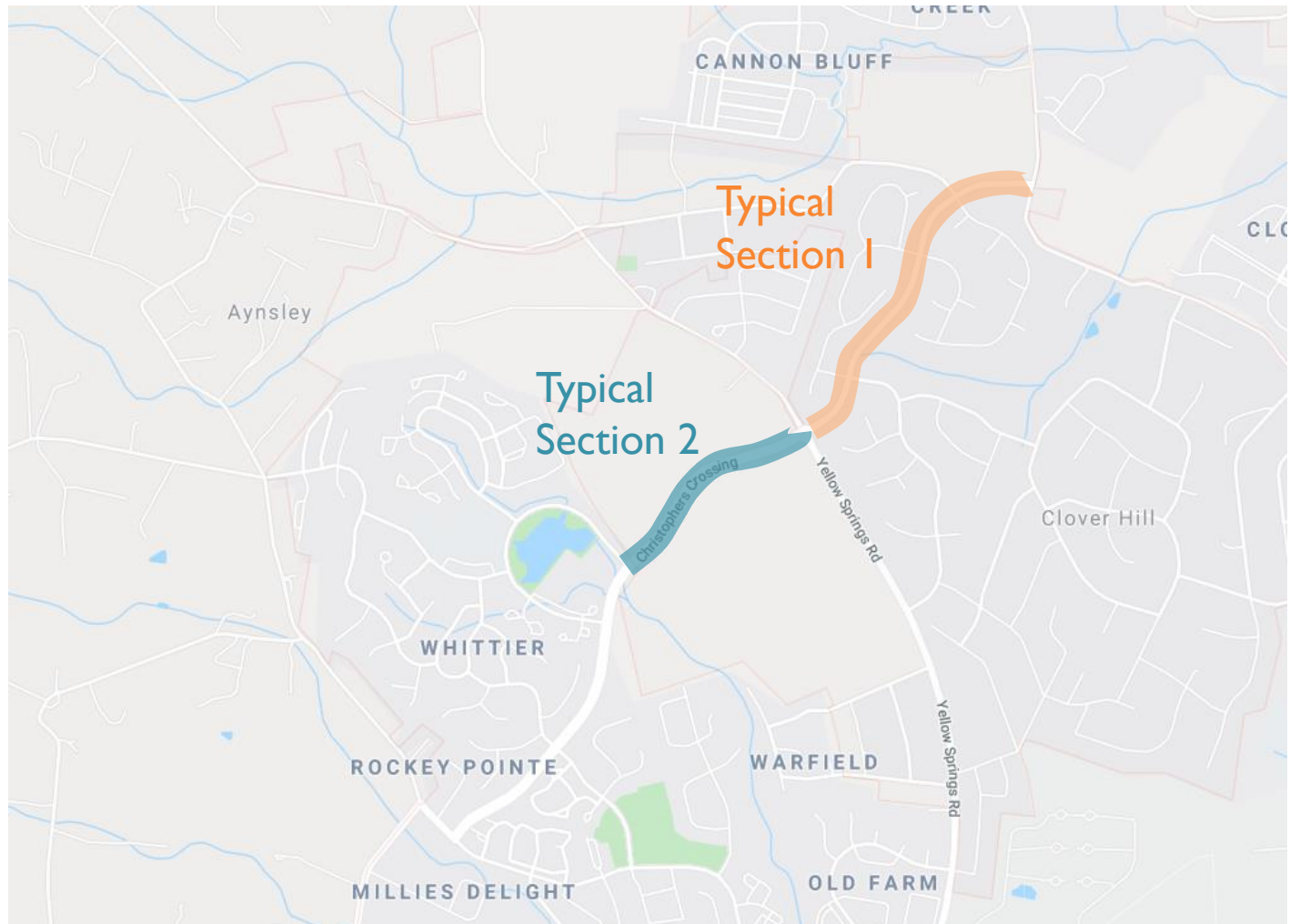
DESIGN CONSIDERATIONS - Safety

- **Pedestrian Crossings**
 - **Crosswalks, Median Refuge**
 - **Signage**
- **Speed Limit**
- **Traffic Calming (Narrow Lanes)**
- **Sidewalk/Path & Buffers**

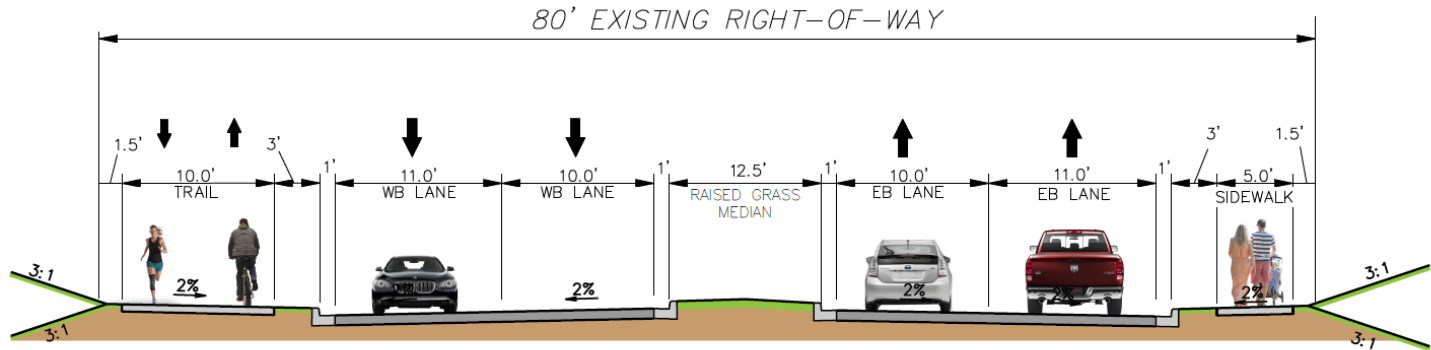
Corridor Overview – Typical Sections

Typical Section 1: Residential Section, North of Yellow Springs Road

Typical Section 2: Non-Residential, South of Yellow Springs Road

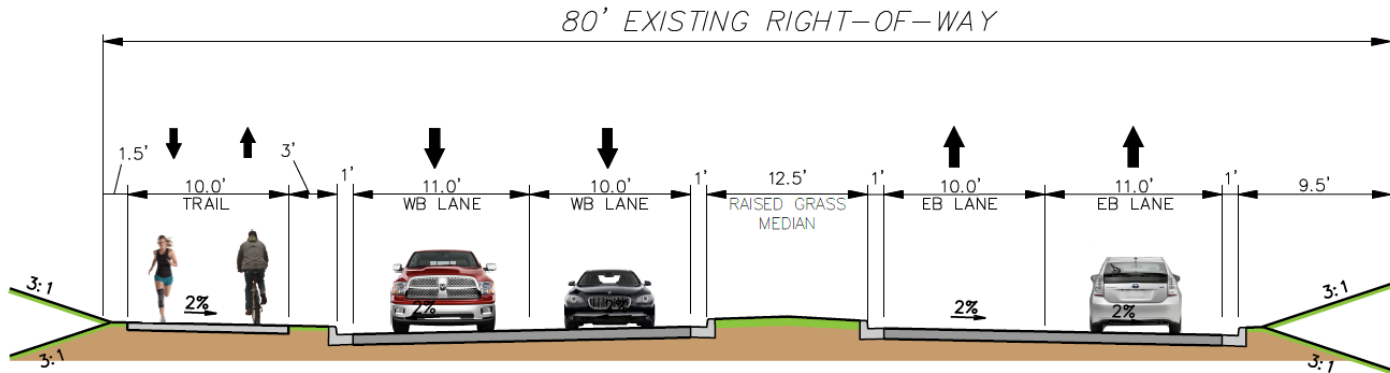


Typical Sections



CHRISTOPHERS CROSSING
YELLOW SPRINGS RD TO POOLE JONES RD
10' TRAIL AND 5' SIDEWALK

Typical Section I



CHRISTOPHERS CROSSING
WHITTIER DR TO YELLOW SPRINGS RD
10' TRAIL

Typical Section 2

North of Yellow Springs Road

(Glen Heather Drive Intersection Shown)



Typical Section I

South of Yellow Springs Road

(Non-residential section)



Typical Section 2

Conceptual Plan View I

North of Yellow Springs Road Roundabout








LEGEND

- PROPOSED ROADWAY
- CONCRETE SIDEWALK
- CONCRETE PATH
- GRASS MEDIAN
- DIRECTION OF TRAVEL

Conceptual Plan View 2

South of Yellow Springs Road Roundabout



LEGEND	
	PROPOSED ROADWAY
	CONCRETE SIDEWALK
	CONCRETE PATH
	GRASS MEDIAN
	DIRECTION OF TRAVEL

Right of Way

- **Right-of-way and other easement needs are determined during final design phase**
- **Coordination with impacted property owners occurs throughout the design process**
- **After right of way needs are determined, appraisals are completed and offers are made**



Questions

- Are there any questions from the group?
- Meeting minutes from this meeting, including comments and responses, will be issued to everyone on the sign-in sheet

Please be sure to put your comments in writing and pass them forward

Thank you!